

Fig. 1

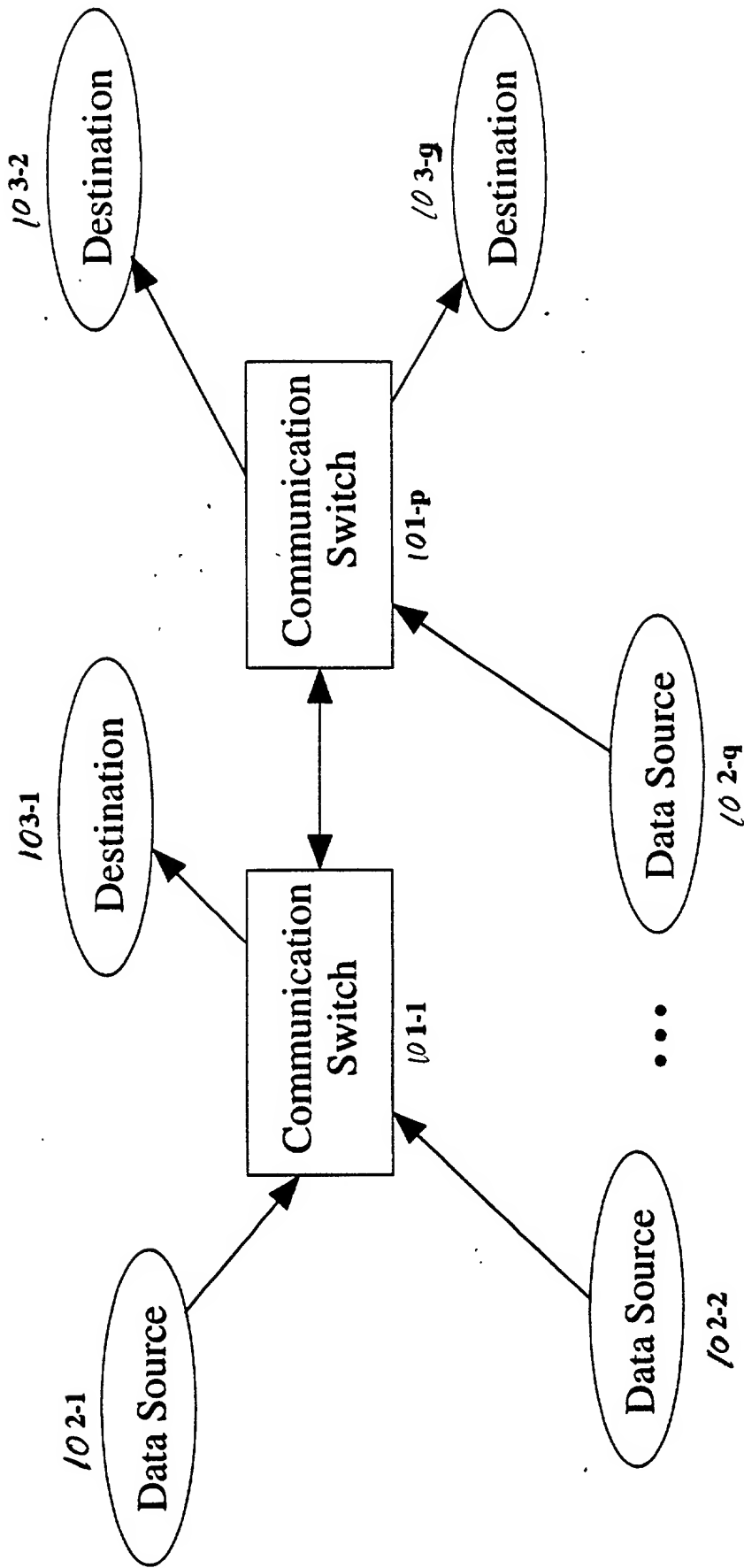
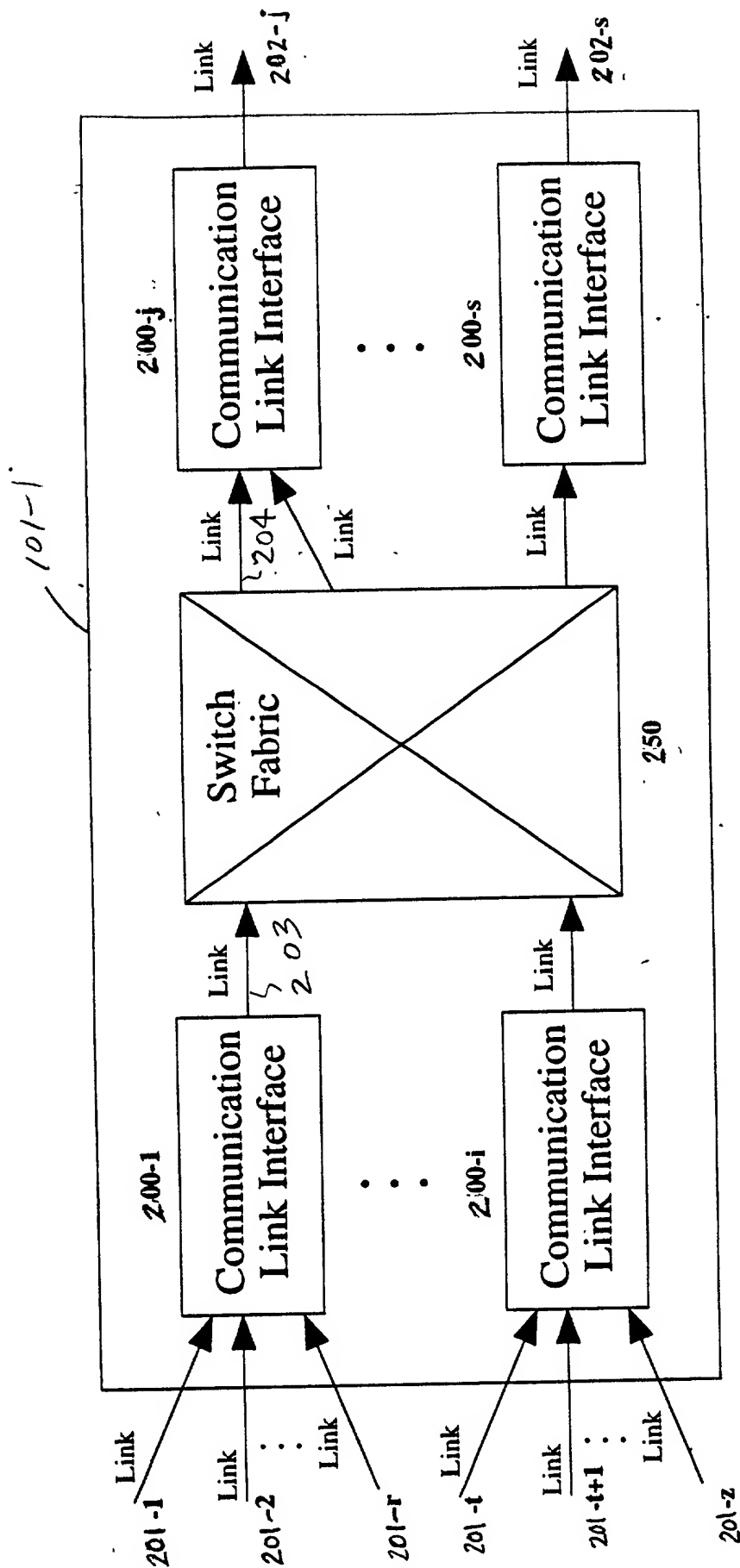


Fig. 2



```

1  if (flow  $i$  is newly backlogged)
2       $F_i^k \leftarrow \frac{l_i^k}{\rho_i}$ 
3      Append  $i$  to the tail of the linked list
4  else /* A packet of  $i$  has just been transmitted */
5       $F_i^k \leftarrow F_i^{k-1} + \frac{l_i^k}{\rho_i}$ 
6      if ( $F_i^k \geq T_Q$ )
7           $F_i^k \leftarrow F_i^k - T_Q$ 
8          Conclude visit to flow  $i$ 
9      else
10         Keep servicing flow  $i$ 

```

Fig. 3A

```

1   $F_i^k \leftarrow F_i^{k-1} + \frac{l_i^k}{\rho_i}$ 
2  if ( $F_i^k \geq T_Q$ )
3       $F_i^k \leftarrow F_i^k - T_Q$ 
4      Conclude visit to flow  $i$ 
5  else if (flow  $i$  is still backlogged)
6      Keep servicing flow  $i$ 

```

Fig. 3B

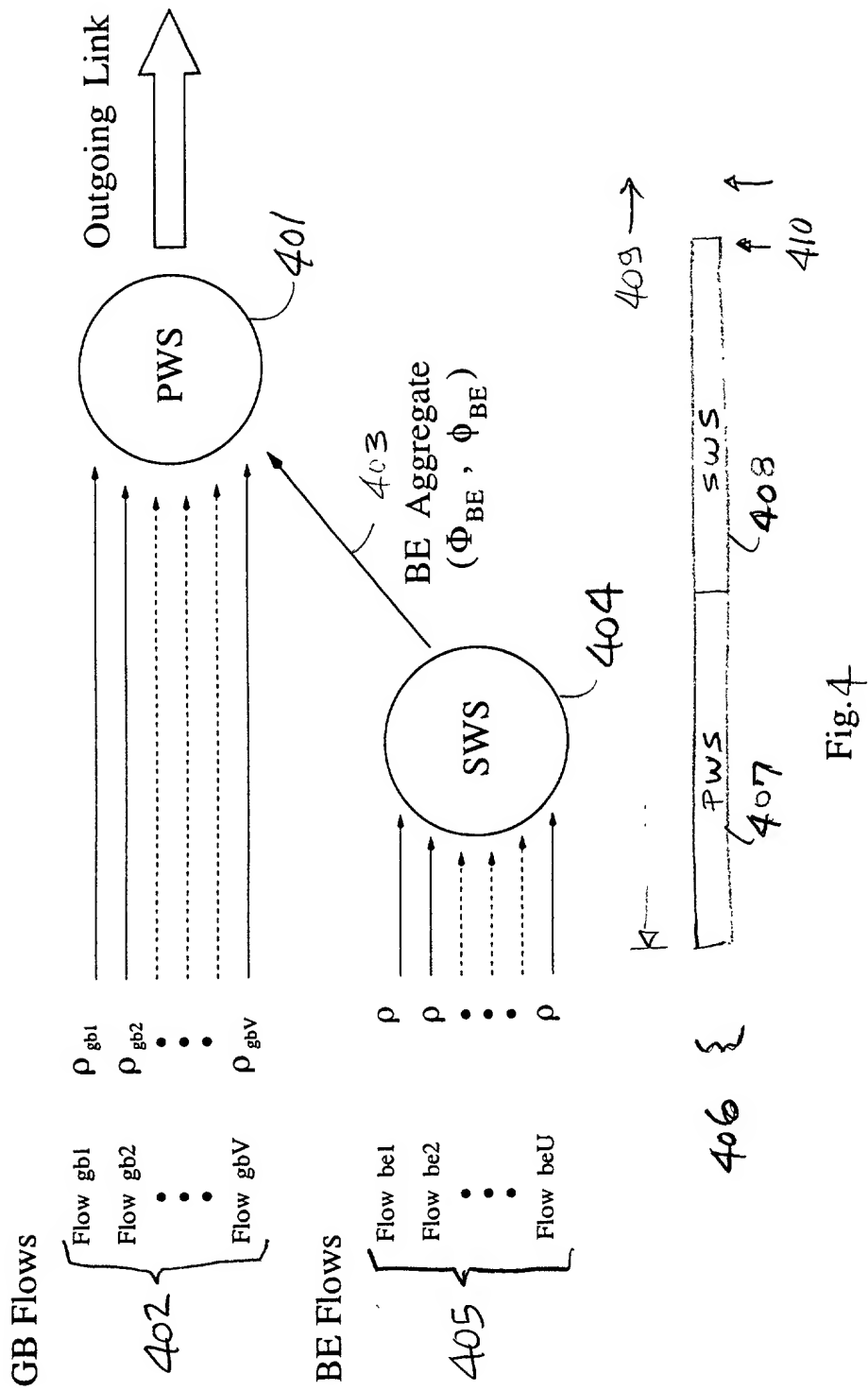


Fig.4

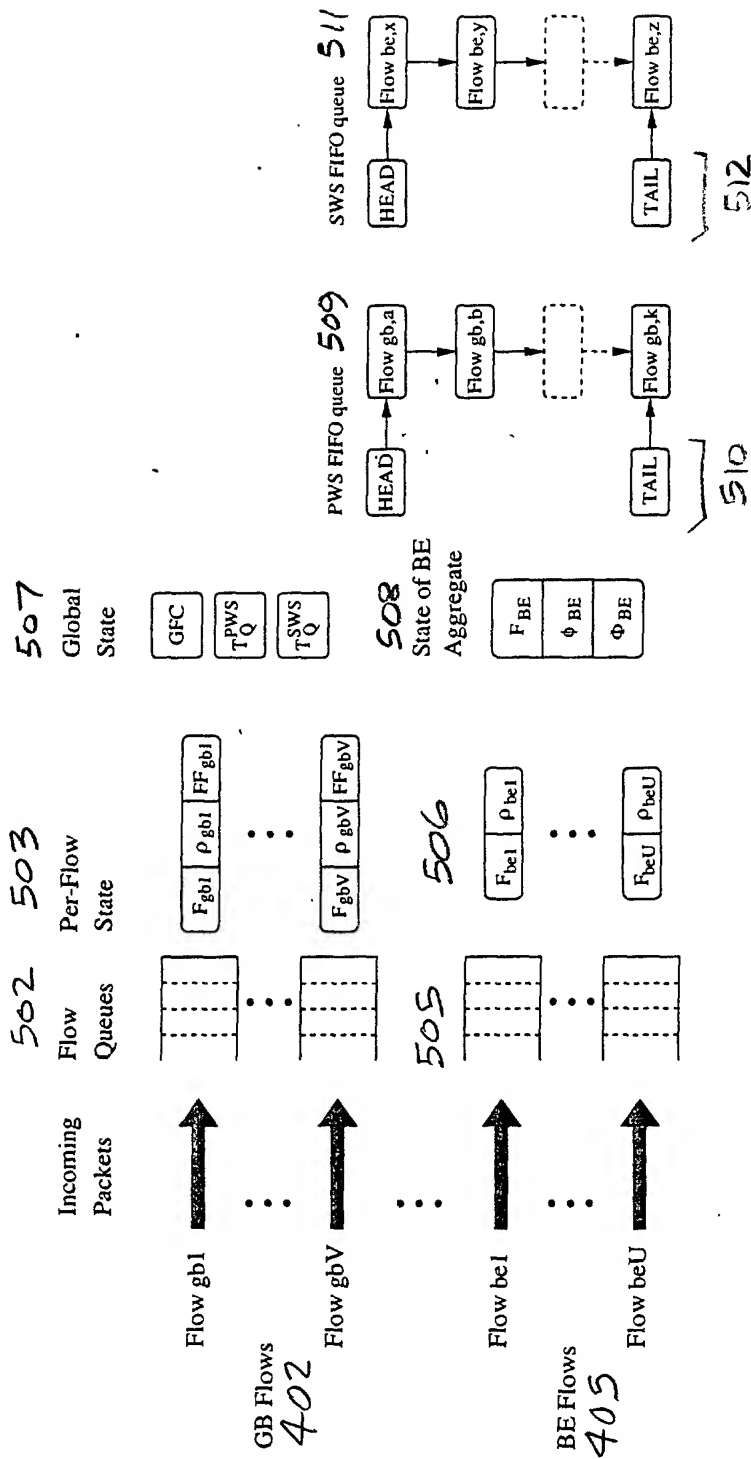
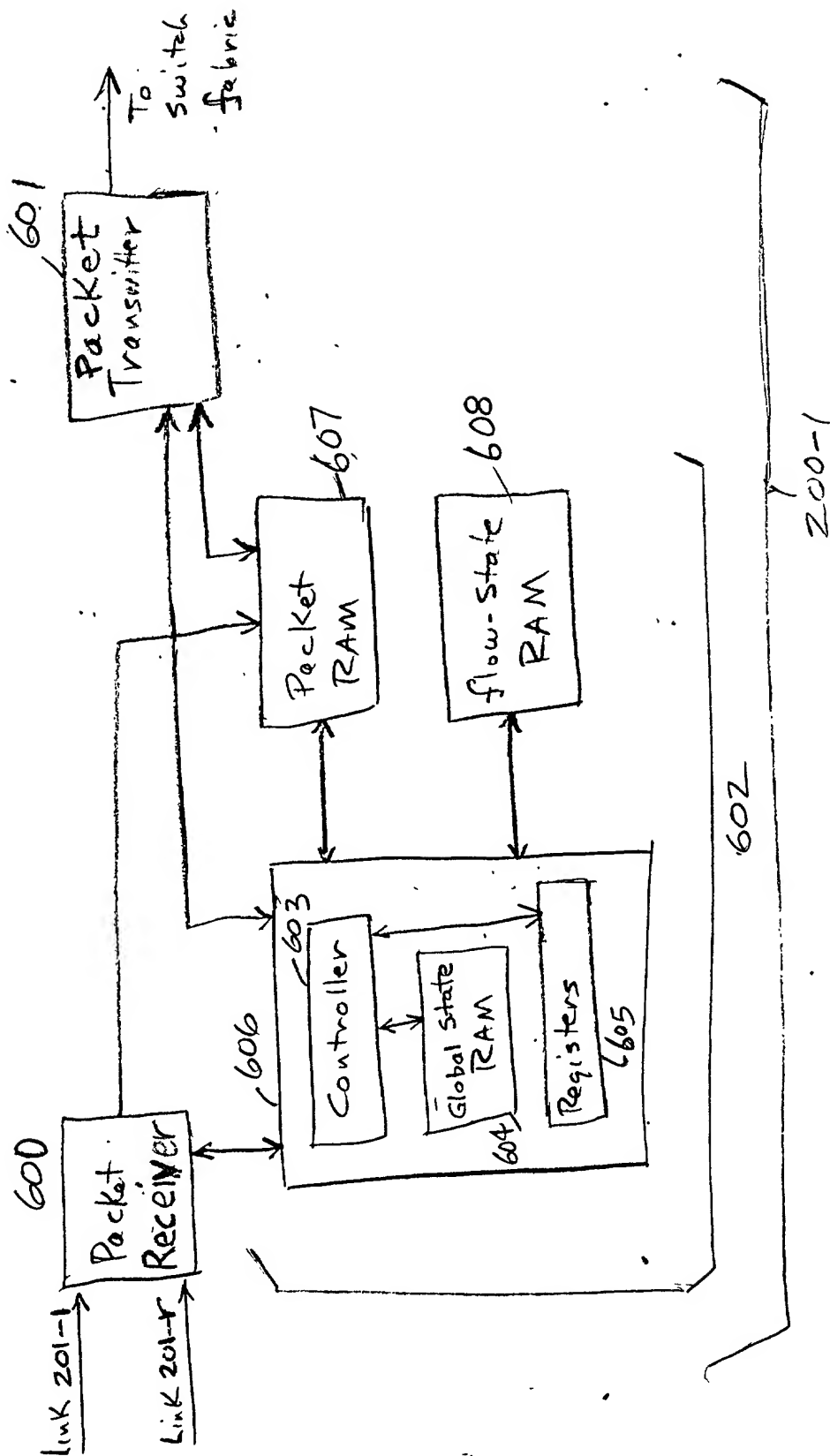


Fig. 5

Fig 6



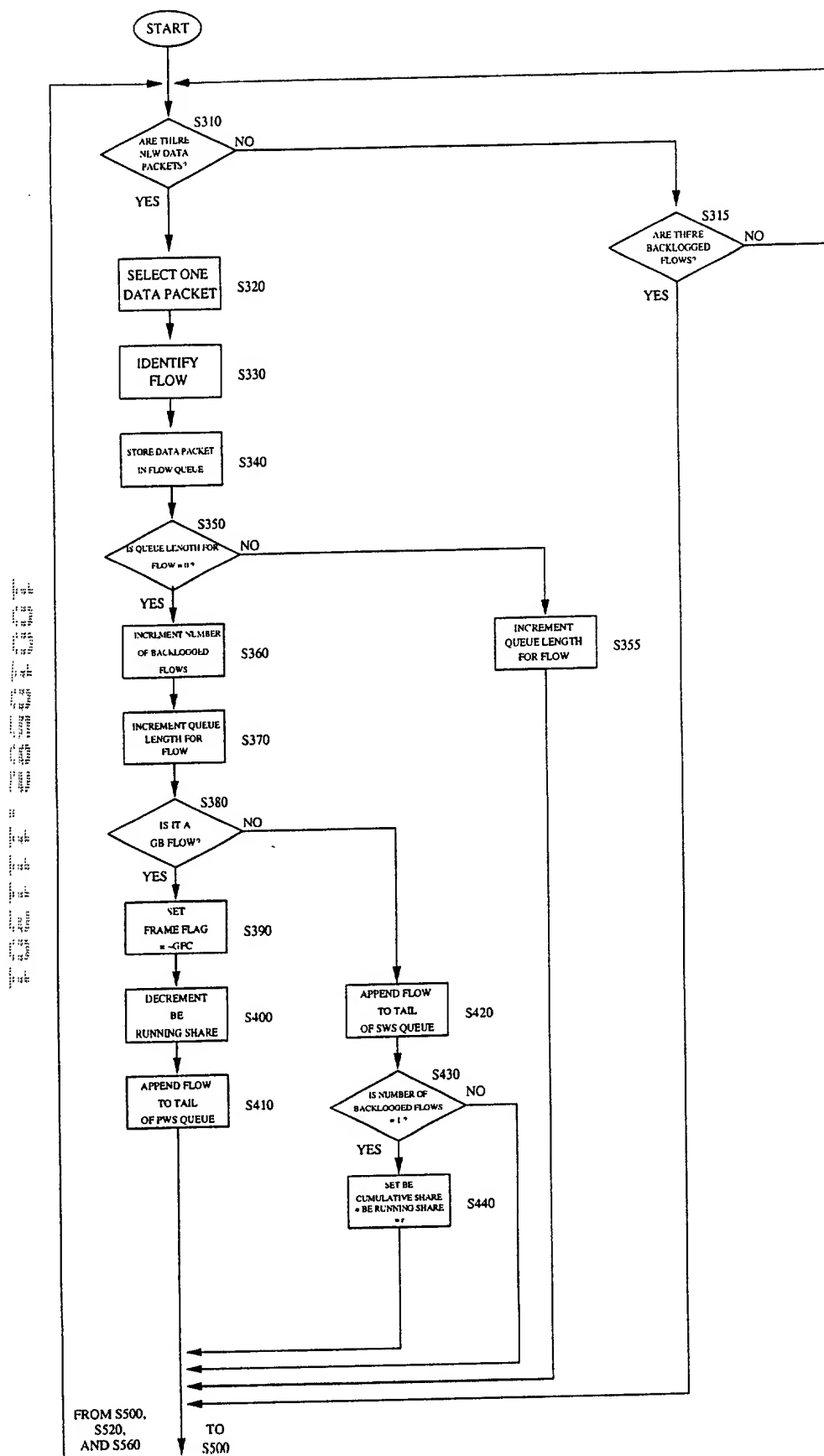


Fig. 7.A

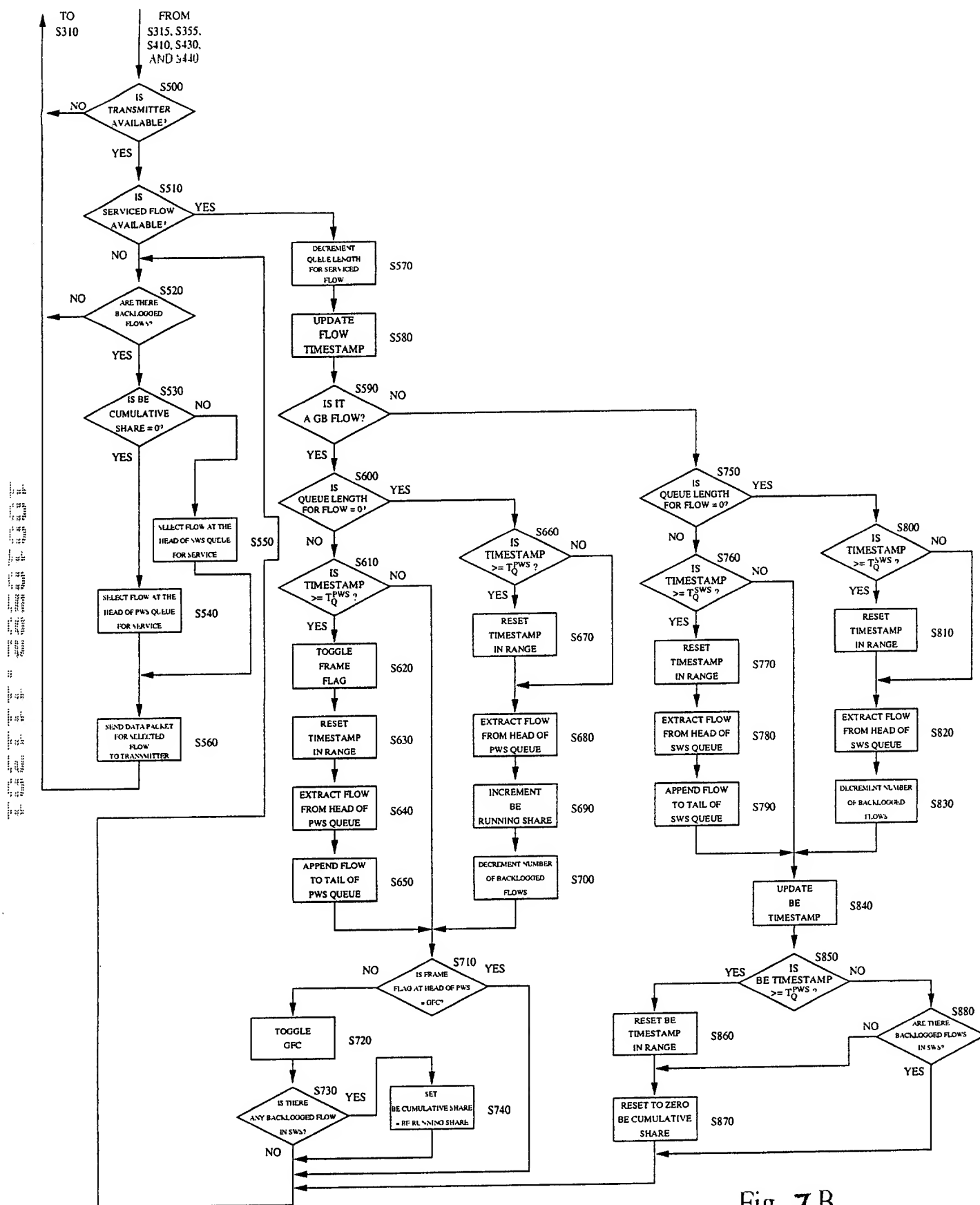


Fig. 7.B